

Please amend the present application as follows:

**Claims**

The following is a copy of Applicant's claims that identifies language being added with underlining ("\_\_") and language being deleted with strikethrough ("\_\_\_\_") or brackets ("[[ ]])", as is applicable:

1. (Currently amended) A conveyor comprising:

a ~~modular~~ conveyor belt including[[;]] a plurality of ~~mat top~~ chains having a plurality of cavities[[;]] and a plurality of ~~first~~ diverting rollers, each diverting roller being disposed in ~~the cavities of the mat top chains~~ a cavity; and  
at least one ~~second~~ transverse roller having an axis that extends in a direction of travel of the ~~modular~~ conveyor belt and that can ~~operatively~~ couple to the plurality of ~~first~~ diverting rollers, such that to cause the first diverting rollers rotate as they conveyor belt travels travel along the second at least one transverse roller.

2. (Currently amended) The conveyor as defined in claim 1, wherein the at least one ~~second~~ transverse roller is located underneath the conveyor belt and the at least one ~~second~~ transverse roller rotates in a direction transverse to the rotational direction of the ~~first~~ diverting rollers as the conveyor belt travels along the at least one second roller.

3. (Currently amended) The conveyor as defined in claim 1, wherein the at least one ~~second~~ transverse roller is ~~positioned to rotates in a direction~~ substantially

perpendicular to the direction of belt travel when the at least one transverse roller couples to the plurality of diverting rollers.

4. (Currently amended) The conveyor as defined in claim 1, wherein the conveyor belt comprises mat-top chains that comprise hinge elements that link multiple mat-top chains together to form a the conveyor belt.

5. (Original) The conveyor as defined in claim 4, wherein the hinge elements comprise interleaved hinge elements having axially aligned holes.

6. (Currently amended) The conveyor as defined in claim 1, further comprising a plurality of support members that supports support the conveyor belt.

7. (Currently amended) The conveyor as defined in claim 1, wherein the at least one second transverse roller is vertically displaceable toward or away from the conveyor belt, wherein when the at least one second transverse roller is displaced toward the conveyor belt and engages the first plurality of diverting rollers[[,] the at least one second transverse roller rotates the first diverting rollers as the conveyor belt travels along the at least one second roller.

8. (Canceled)

9. (Currently amended) The conveyor as defined in claim 1, wherein rotation of the at least one ~~second~~ transverse roller causes the first rollers to rotate with reduced slippage.

10. (Currently amended) The conveyor as defined in claim 1, wherein the first rollers are aligned in the cavities ~~of the mat top~~ at an angle ~~that is different from relative to the direction of belt travel enabling the first rollers to convey objects toward the sides or the middle of the conveyor belt in a direction transverse to the direction of belt travel.~~

11. (Currently amended) A conveyor comprising:  
a ~~modular~~ conveyor belt that travels in a linear motion, the conveyor belt including~~[[:]]~~ a plurality of ~~mat top~~ chains having a plurality of cavities~~[;]]~~ and a plurality of first diverting rollers, each diverting roller disposed in the cavities ~~of the mat top chains~~ a cavity; and

~~at least one second a plurality of transverse rollers having axes that extends extend along in a direction of the linear motion belt travel, and that the transverse rollers being free to rotate and being adapted to operatively couples couple to the first plurality of diverting rollers, wherein such coupling that causes the first diverting rollers to rotate in a first direction transverse to the direction of belt travel and the at least one second transverse rollers to rotates rotate in a second direction transverse to the rotational direction of the first rollers as the conveyor belt travels along the at least one second roller direction of belt travel, wherein the rotation of the at least one second roller causes the~~

~~first rollers to rotate with reduced slippage the second direction being different from the first direction.~~

12. (Currently amended) The conveyor as defined in claim 11, wherein the ~~at least one plurality of second transverse rollers is are~~ located underneath the conveyor belt.

13. (Currently amended) The conveyor as defined in claim 11, wherein the ~~at least one plurality of second transverse rollers is positioned to rotate in a direction~~ substantially perpendicular to the direction of belt travel.

14. (Currently amended) The conveyor as defined in claim 11, wherein the conveyor belt comprises mat-top chains that comprise hinge elements that link multiple mat-top chains together to form a the conveyor belt.

15. (Original) The conveyor as defined in claim 14, wherein the hinge elements comprise interleaved hinge elements having axially aligned holes.

16. (Currently amended) The conveyor as defined in claim 11, further comprising a plurality of support members that supports support the conveyor belt.

17. (Currently amended) The conveyor as defined in claim 11, wherein the ~~at least one plurality of second transverse rollers is are~~ vertically displaceable toward or away from the conveyor belt, wherein when the ~~at least one plurality of second transverse~~

rollers is are displaced toward the conveyor belt and engages engage the first plurality of diverting rollers, the at least one second transverse rollers rotates rotate the first rollers as the conveyor belt travels along the at least one second roller.

18-19. (Canceled)

20. (Currently amended) A method for conveying objects, the method comprising:

driving a modular conveyor belt in a first direction of belt travel; operatively coupling a plurality of first diverting rollers disposed in the modular conveyor belt with at least one second a transverse roller that has an axis that is parallel is free to rotate in a direction that is transverse to the first direction of belt travel, wherein the driving of the modular conveyor belt produces rotary motion in both the plurality of first diverting rollers and the at least one second transverse roller as a result of their operative coupling; and conveying diverting objects on from the conveyor belt using the rotating first diverting rollers.

21-22. (Canceled)

23. (Currently amended) The method as defined in claim 20, wherein rotating the first diverting rollers comprises selectively rotating the first diverting rollers with the at least one second transverse roller by vertically displacing the transverse roller toward the conveyor belt and engaging the diverting rollers.

24. (Canceled)

25. (Currently amended) The method as defined in claim 20, wherein rotating the first diverting rollers comprises rotating the first diverting rollers at an angle that is different from the first direction of the belt travel.

26. (Canceled)

27. (Currently amended) The conveyor as defined in claim 1, wherein the linear motion of the modular conveyor belt generates rotary motion in the plurality of first diverting rollers and the at least one second transverse roller.

28. (Currently amended) The conveyor as defined in claim + 27, wherein the at least one second transverse roller is non-driven not driven except by the linear motion of the conveyor belt and the coupling with the plurality of diverting rollers.

29. (Currently amended) The conveyor as defined in claim 11, wherein the linear travel of the ~~modular~~ conveyor belt produces rotary motion in the plurality of ~~first~~ diverting rollers and the at least one ~~second~~ transverse roller ~~due to contact between those rollers.~~

30. (Currently amended) The conveyor as defined in claim 11 ~~29~~, wherein the at least one ~~second~~ transverse roller is ~~non-driven~~ not driven except by the linear motion of the conveyor belt and the coupling with the plurality of diverting rollers.

31. (Currently amended) A conveyor comprising:  
a ~~modular~~ conveyor belt that travels in a linear motion[[],] including[[::]] a plurality of ~~mat top~~ chains having a plurality of cavities[[],] and a plurality of ~~first~~ diverting rollers, each diverting roller disposed in ~~the cavities~~ a cavity, ~~of the mat top chains and the cavities and diverting rollers being laterally spaced across the~~ a width of the ~~modular~~ conveyor belt such that a plurality of rows of diverting rollers are provided parallel to the linear motion; and

~~at least one second a transverse~~ roller[[],] that extends in the direction of the linear motion and that is located under one of the plurality of rows to ~~operatively couple to a row of~~ first diverting rollers;

such that wherein the first diverting rollers rotate in a direction transverse to the linear motion as the conveyor belt travels ~~along the at least one second when the diverting~~ rollers are coupled to the transverse roller.

32. (Currently amended) The conveyor as defined in claim 31, wherein the ~~at least one second~~ transverse roller is vertically displaceable toward or away from the ~~modular~~ conveyor belt, wherein when the ~~at least one second~~ transverse roller is displaced toward the conveyor belt and engages the row of ~~first~~ diverting rollers, the ~~at least one second~~ transverse roller rotates ~~the first rollers as the conveyor belt travels along the at least one second roller~~ in a direction that is transverse to the linear motion.

33. (Currently amended) The conveyor as defined in claim 31, wherein the ~~first~~ diverting rollers are aligned in the cavities of the ~~mat top~~ conveyor belt at an angle that is different from the ~~direction of belt travel~~ linear motion enabling the ~~first~~ diverting rollers to ~~convey~~ divert objects ~~toward the sides or the middle of the conveyor belt~~ transverse to the linear motion.